

10/509069

Docket No. JAB-1703

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2

Applicants : Simone Josephine Anne Lesage et al.

Serial No. : Art Unit:

Filed : Examiner:

For : RADIOLABELLED QUINOLINE AND QUINOLINONE  
DERIVATIVES AND THEIR USE AS METABOTROPIC  
GLUTAMATE RECEPTOR LIGANDS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application

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/509069

(other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

- ☐ Statement in Accordance with §1.97(e) (attached); or
- ☐ Please charge Deposit Account No. 10-0750/ / the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

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☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this

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Information Disclosure Statement. Included are: Statement in  
Accordance with §1.97(e) as set forth below and the fee of **DT09 Rec'd PCT/PTO 24 SEP 2004**  
\$180.00 as set forth in §1.17(p).

☐ Copies of each of the references listed on the  
attached Form PTO-1449 are enclosed herewith.

☐ Copies of references listed on the attached Form PTO-  
1449 are enclosed herewith EXCEPT THAT:

☐ In view of the voluminous nature of references  
[list as appropriate], and the likelihood that  
these references are available to the Examiner,  
copies are not enclosed herewith.

☐ If any of the foregoing publications are not  
available to the Examiner, Applicant will  
endeavor to supply copies at the Examiner's  
request.

☒ Copies of only foreign patent documents and non-  
patent literature are enclosed in accordance with 37 CFR 1.98  
(a)(2). (The U.S. patents and each U.S. patent application  
publication listed on the attached Form PTO-1449 are not  
enclosed because this U.S. patent application was filed after  
June 30, 2003 or this international application has entered the  
national stage under 35 USC §371 after June 30, 2003 (see USPTO  
waiver of requirement under 37 CFR 1.98 (a)(2)(i)).

☐ There are no listed references which are not in the  
English language.

☒ The relevance of those listed references which are  
not in the English language can be found in an English-language  
abstract attached thereto.

10/509069

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☒ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/JAB-1703/HBW. This form is submitted in triplicate.

Respectfully submitted,

Hal B. Woodrow  
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Attorney for Applicants

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DATED: September 24, 2004

SUBMISSION UNDER MPEP 609 D

Page 1 of 1

Filing Date

**First Named Inventor**

**Group Art Unit**

**Examiner Name**

Attorney Docket Number

Lesage et al.

10/509069

JAB-1703

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	/Melissa Perreira/	Date Considered	09/15/2008
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(use as many sheets as necessary)**

Sheet 1 of 3

Application Number	10/509069
Filing Date	

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***First Named Inventor***

Lesage et al.

**Group Art Unit**

**Examiner Name**

Attorney Docket Number

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[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary) <b>Sheet 2 of 3</b>	<b>Application Number</b> 10/509069	
	<b>Filing Date</b>	
	<b>First Named Inventor</b>	Lesage et al.
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	JAB-1703

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Stone T.W., "Development and therapeutic potential of kynurenic acid and kynurenine derivatives for neuroprotection," Trends in Pharmacological Sciences, Elsevier Trends Journal, vol. 21, no. 4, April 2000, pp. 149-154	
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	<b>Filing Date</b>	<b>10/509069</b>
	<b>First Named Inventor</b>	Lesage et al.
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
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Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Litschig et al., "CPCOEt, a Noncompetitive Metabotropic Glutamate Receptor 1 Antagonist, Inhibits Receptor Signaling Without Affecting Glutamate Binding," <u>Molecular Pharmacol.</u> 55:453-461, 1999	
		Zhu et al., "The Competitive and Noncompetitive Antagonism of Receptor-Mediated Drug Actions in the Presence of Spare Receptors," <u>J.Pharm. Tox. Meth.</u> 29:85-91, 1993)	
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		Shigemoto et al., "Differential Presynaptic Localization of Metabotropic Glutamate Receptor Subtypes in the Rat Hippocampus," <u>J. Neurosci.</u> 17:7503-7522, 1997	
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